FAX No. 703 746 7239 ATTY DOCKET NO: 100110346-1   Date: __Oct. 05, 2004__
The Patent and Trademark Office date stamp sets forth the receipt date (or both the receipt date and the Serial Number) of a patent application identified as follows:

Applicant: Shackleford, J. Barry et. al

Title: Truth Table Candidate Reduction for Cellular Automata Based Random Number Generators

[x] Transmittal Letter _1_ Pgs.
[ ] Appln. ____ Pgs Spec. ____ Pgs Claims ____ Total Claims ____ Pgs Abstract ____
[ ] Rule 53(b) (CIP) or [ ] Rule 53(d) (CPA) Request ____ Pages
[ ] Assignment ____ Pages ____ Recordation Form Cover Sheet ____ Pages
[ ] Check $_0_ ____ [ ] Small Entity Statement
[ ] Drawings ____ Sheets Formal ____ Sheets Informal
[ ] Combined Declaration/Power of Atty ____ Pages ____ Signed ____ Unsigned
[x] Amendment _16_ Pages
      [ ] PTO Form 1449 ____ Pages [ ] Prior Art Ref – No. References ____
[ ] Priority Document ____ Pages
[ ] Other:

Atty/Sec. Initials _lzw_ Client/Matter Name __Hewlett-Packard DC__

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO.   100110346-1

**IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor(s):   Shackleford, et al.

Confirmation No.: 4332

Application No.: 09/977985

Examiner: Tan V. Mai

Filing Date: 10/17/2001

Group Art Unit: 2124

Title: Truth Table Candidate Reduction for Cellular Automata Based Random Number
Generators

**Mail Stop Amendment
Commissioner For Patents
PO Box 1450
Alexandria, VA 22313-1450**

<u>TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT</u>

Sir:

Transmitted herewith is/are the following in the above-identified application:

(X)   Response/Amendment   ( )   Petition to extend time to respond

( )   New fee as calculated below   ( )   Supplemental Declaration

(X)   No additional fee

(X)   Other: No ext. fees per S. Cotton, Legal Inst. Exam   (fee $_____)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	22	MINUS	22	= 0	X $18	$ 0
INDEP. CLAIMS	3	MINUS	3	= 0	X $88	$ 0
[ ] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ $300	$ 0
EXTENSION FEE	1ST MONTH $110.00	2ND MONTH $430.00	3RD MONTH $980.00	4TH MONTH $1530.00		$ 0
					OTHER FEES	$
					TOTAL ADDITIONAL FEE FOR THIS AMENDMENT	$ 0

Charge $___0___ to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

(X) I hereby certify that this paper is being transmitted
to the Patent and Trademark Office facsimile
number _(703) 746-7239_ on ___Oct 5, 2004___
Number of pages: 17

Typed Name: Leland Wiesner
Signature _[signature]_

Respectfully submitted,

Shackleford, et al.

By _[signature]_

Leland Wiesner

Attorney/Agent for Applicant(s)
Reg. No.   **39,424**

Date: **Oct 5, 2004**

Telephone No.: **(650) 853-1113**

Rev 10/04 (TnAmdFax)

- Attach as First Page to Transmitted Papers -

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED
CENTRAL FAX CENTER

OCT 0 5 2004

Applicant : Shackleford, et al.   Art Unit : 2124
Dkt. No.   : 100110346-1   Examiner : Tan V. Mai
Issue Date : n/a
Serial No. : 09/977,985
Filed   : 10/17/2001
Title   : Truth Table Candidate Reduction for Cellular Automata Based Random Number
              Generators

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

<u>VIA FACSIMILE</u>

<u>RESPONSE</u>

Dear Examiner:

Please note that we initially responded in a timely manner on June 27, 2004 to the Office

Action of April 27, 2004 thus requiring no extensions of time. Our present modified response

addresses the second of two different "Notice of Non-Compliance". In particular, this second

"Notice of Non-Compliance" included additional objections not raised in the first "Notice of

Non-Compliance". While we apologize for any delays, no extensions fees should be charged as

we have done everything possible to respond quickly; any delays are solely the result of the

USPTO. Nonetheless, please amend this application as follows: